

Meeting Minutes

SUBJECT GW/VZ INTEGRATION PROJECT OPEN MEETING - JANUARY 19, 1999

TO Distribution

FROM Michael J. Graham, GW/VZ Project Manager

DATE January 27, 1999

ATTENDEES

See Attached List

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Attendees
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NEXT GW/VZ INTEGRATION PROJECT OPEN MEETING:

****NOTE:** The Open Project Meeting that would normally be held on the first Monday of the month has been superceded by the GW/VZ Expert Panel Meetings. The next Open Project Meeting will be held on Tuesday, February 16. (Monday, February 15 is a federal holiday.)

Date: Tuesday, February 16, 1999

Location: Bechtel Hanford, Inc., Assembly Room (Badging Required)

Local Call-In Number: (509) 376-7411

Toll Free Call-In Number: (800) 664-0771

MEETING MINUTES:

A Groundwater/Vadose Zone (GW/VZ) Integration Project Open Meeting was held on January 19, 1999 in Richland, Washington at the Bechtel Hanford, Inc. (BHI) Assembly Room.

PROJECT REPORT:

REPORT FROM HANFORD ADVISORY BOARD – ENVIRONMENTAL RESTORATION (HAB-ER) COMMITTEE BRIEFING (Mike Graham):

The Project briefed the HAB-ER-HAB Committee this past Thursday. That was the same time that the Risk/ Impact Technical Report - Preliminary Working Draft from the Center for Risk Excellence (CRE) became available. We basically took the ER-HAB Committee through the same briefing that we gave to Under Secretary Ernest Moniz in December.

Some issues came out of the briefing. Greg deBruler had an issue with the regional workshops we had planned for mid-February. He had doubts as to whether or not this was the appropriate time to go forward with these. We had a conference call today with the ER-HAB Committee where we discussed this further. The decision was made to defer the workshops for now. The Project will redirect their current outreach regarding the Draft Project Specification (Spec) toward focus groups with interested people and organizations.

Another issue from the HAB-ER was risk integration and direction; mainly the CRE effort. We need to determine how and when the proposal will be used.

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REPORT FROM SITE MANAGEMENT BOARD (SMB) BRIEFING (Michael Graham):

Rich Holten and I had the opportunity to talk to the SMB about the Long Range Plan (LRP) last week. We also had 45 minutes with Lloyd Piper and Jim Hall from the Department of Energy Richland Operations Office (DOE-RL). Hall is the DOE-RL Acting Hanford Site Manager following John Wagoner's retirement. This was the first time Hall had seen the GW/VZ Project. This was an informational meeting, not a decisional one. The purpose was to let them all see the LRP and show them some of the key strategies behind it. We discussed the System Assessment Capability (SAC) as well, how we're tying in the Columbia River Comprehensive Impact Assessment (CRCIA), and how the SAC and LRP tie into, and affect, site milestones like tank retrieval. We'll give them a more detailed briefing later on. This was just to let them know we're out there.

QUESTION: How long was the briefing to the board?

ANSWER: It was about 30 minutes long. It was the same presentation we gave to the ER-HAB Committee. We're just trying to make ourselves visible before the budget hearings get underway. We're trying to make sure everyone realizes how we tie into other Hanford site projects and milestones.

REPORT FROM DOE-HEADQUARTERS (HQ) REVIEW (Rich Holten):

A group was here from DOE-HQ reviewing the Interim Low Activity Waste (ILAW) Performance Assessment (PA) and Composite Analysis. It's a standard DOE process. In essence, it's a DOE-HQ document review. We provide them with a few things, and they come back with an evaluation of whether or not they think we have fulfilled the DOE order. The DOE order associated with this was pretty narrow. It's not a cumulative impact analysis. They were looking at how the PAs linked in with other activities, and whether or not old PAs met with the intent of the DOE order.

QUESTION: Who was the lead from DOE-HQ?

ANSWER: They appoint people from other offices as leads. The leads here were Joel Case from DOE-Idaho and Marty Letoureau from EM-30.

REGIONAL OUTREACH (Dru Butler):

Much of this was already covered. We are looking at holding the regional workshops at a later date based on the input from the ER-HAB Committee, but we are going to try to initiate appropriate regional outreach during the Draft Project Spec public comment period. If anyone is interested in having the Project brief them or their organization about the Draft Project Spec, or other issues, please contact me (Dru Butler) at (509) 375-4669.

REGULATORY FRAMEWORK MEETING (Dru Butler):

The Project is planning a meeting with the regulators, and all interested stakeholders and Tribes, on February 9. We discussed this meeting during a Policy Work Group meeting earlier today. The basic purpose is to start to frame the regulatory framework/alignment issues. We've had preliminary discussions about developing an integrated regulatory framework that takes you through endstate, end use, etc. We want to work on the path forward to resolve issues and begin work. We need to engage the people and groups that have helped in the development of the SAC and LRP, get feedback from them, and design a clear path forward. This is an all-day meeting and is to be an open dialogue between the GW/VZ Project Team, DOE, regulators, and the public. A draft agenda for the meeting should be available by the end of the week. (Agenda Attached)

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NOTE: There has been some confusion on when this meeting is being held and who were invited to attend. This meeting is being held on February 9, 1999, in Richland, Washington, at Bechtel Hanford, Inc., 3350 George Washington Way, Assembly Room, and is open to all interested parties.

SAC WORKSHOP/WORKING MEETING (Bob Bryce):

We are planning an all-day meeting on the SAC. We had tentatively planned on January 29 as the date, but conflicts have arisen, and we will need to rework the date. We'll get the message out as to when it has been rescheduled. (NOTE: The meeting has been rescheduled for February 24.)

The plan is to work through and discuss the candidate sets and the requirements as defined by CRCIA during the morning portion of the meeting. We need to develop the criteria for selecting the study sets for the initial SAC. We will work with the regulators, stakeholders, and Tribes to frame those. We also need to define the types of scoping studies that are to be done. In the afternoon, we'll define how to work through the scoping studies and how to require documentation for the initial SAC. If you have any input or ideas, please contact Charley Kincaid at (509) 372-9440.

COMMENT: You might have a better handle on the whole process after your meeting with the Portland activist groups on February 8. When you talk to and hear comments from members of the public not involved in the Project over the last year, it should help with the focus.

RESPONSE: We will welcome their input. We were trying to hold this SAC meeting before the Expert Panel meeting February 1-3, so we could give them an update on the first chapter in the SAC and a sense of direction. However, we want to do things in a way to be sensitive to the issues as well. This meeting is going to be a starting point.

EXPERT PANEL UPDATE (Michael Graham)

(Agenda attached)

There is a high probability that Dr. Moniz will be able to be here for a portion of the meetings. However, given the demands on his time, we won't be able to engage him with our Project exclusively. He'll get pulled off on other things too. At the very least, we're hoping to have him participate in the discussion on Science and Technology (S&T) issues. (Update: Dr. Moniz will NOT be able to attend this meeting.)

The agenda was put together with input from the Panel. Ed Berkey is working hard to integrate the eight members via conference calls. The agenda represents the Panel's areas of interest and two areas of interest from the Project. We're looking to the Panel for feedback on the Project Spec and S&T Roadmap.

COMMENT: Ecology would like to speak to the Panel briefly on the first day of the meetings.

RESPONSE: We intend to give Ecology that time. We wanted to put Ecology under the "Integration Project Update" bullet. There are a lot of things on the screen, but that's where we envisioned including Ecology.

CENTER FOR RISK EXCELLENCE (CRE) DRAFT RISK TECHNICAL REPORT UPDATE (Rich Holten):

Last Tuesday, DOE-RL and the GW/VZ Integration Project received the Risk/Impact Technical Report - Preliminary Working Draft from CRE. In this report, CRE put together their thoughts and proposals of how to include risk and how to frame the risk technical element, which is not as complete as the other S&T

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elements. This report is based on a proposal to CRE from late last summer of different ways to look at risk. We asked them to have something for us by the end of December. We asked them to frame it in such a way that it could be incorporated into the S&T Plan. I haven't had a chance to read the document, therefore, I can't take a position one way or the other. I understand from some of the early comments that there is some displeasure regarding content. DOE-RL doesn't necessarily endorse CRE's work. The CRE's proposal is the same as any other subcontractor. Our obligation is to look at what they've done and decide how we want to proceed.

COMMENT: You should start by looking at page D-1. I don't think you'd even make it to D-2.

RESPONSE: We owe it to them to look at whole thing. There was a lot of effort put into this document. In fairness, we need to look at the entire thing.

ACTION: Send copies of the report to Wade Riggsbee, Dib Goswami (5 copies), Fred Mann, Rick McCain, and Bryan Foley.

RESPONSE: If anyone would like to obtain a copy of the report, a link to it is posted on the Project website (<http://www.bhi-erc.com/vadose/pubrev.htm>), or you may contact Karen Strickland at (509) 372-9236.

QUESTION: Is the standard 45 day public comment period being observed by DOE?

ANSWER: We'll honor that. It should be sufficient. It's not a huge document.

OTHER ISSUES:

QUESTION: I (Dirk Dunning) proposed a while ago to try to set up a meeting regarding glass testing being done by PNNL. Has anything ever been set up?

ANSWER: I (Rich Holten) don't remember ever committing to a meeting on that topic. I do remember a discussion about the effects of organo-acids from vegetation decay on glass from vitrification, but I don't remember a meeting being mentioned. Can we take that as input and get back to you? The issue is, from a systems standpoint, how does this Project assure that what we take as input from release models is consistent?

ACTION: Jim Poppiti will set something up.

RESPONSE: Let the Project know when the meeting will be, and we'll put it on the calendar of upcoming events.

OPPORTUNITIES FOR PROJECT PARTICIPATION:

(See attached Look Ahead Calendar)

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UPCOMING EVENTS:

(See attached Look Ahead Calendar)

COMMENT: (Marcel Bergeron) I'd like to put the second Site-Wide Groundwater Conceptual Model Workshop on the calendar. I had zeroed in on February 10 as potential date.

COMMENT: That is the day scheduled for the Openness Workshop and the 100 Area Cleanup Workshop.

COMMENT: Any date between February 9 and February 12 is bad.

COMMENT: I'll have to work on the date. (The workshop is now tentatively scheduled for February 17 at the PNNL EMSL Building from 1-5:30 p.m.)

NOTES:

GW/VZ Web Site location: <http://www.bhi-erc.com/vadose>

If you have questions or comments please contact Dru Butler (509-375-4669), Gary Jewell (509-372-9192), or Karen Strickland (509-372-9236)

ATTACHMENTS:

- 1) GW/VZ Expert Panel Working Agenda – February 1-3
- 2) GW/VZ Integration Project Look Ahead Calendar
- 3) Regulatory Path Forward Meeting Draft Agenda – February 9

ATTENDEES:

Marcel Bergeron, PNNL
Bob Bryce, PNNL
Dru Butler, BHI
Greg deBruler, Columbia River United
Dirk Dunning, Oregon
Brian Foley, DOE-RL
Owen Goodman, BHI
Dib Goswami, Ecology
Michael Graham, BHI
Dave Holland, Ecology
Rich Holten, DOE-RL
Mike Hughes, BHI
Charley Kincaid, PNNL

Katy Makeig, SMS
Fred Mann, FDNW
Rick McCain, MACTEC-ERS
Dave Olson, DOE-RL
Tom Page, PNNL
Dan Parker, MACTEC-ERS
Bob Peterson, PNNL
Jim Poppiti, DOE-RL
Wade Riggsbee, YIN
Doug Sherwood, Ecology
John Williams, FDH
Rob Yasek, DOE-RL

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Attachment 1

***GROUNDWATER/VADOSE ZONE INTEGRATION PROJECT:
Expert Panel Meeting, February 1-3, 1999***

**Bechtel Building Assembly Room
Richland, Washington**

MONDAY, February 1

Moderator

7:30 – 8:00 am	<i>On-Your-Own Coffee From Columbia River Deli</i>	
8:00 – 8:30 am	Welcome	Rich Holten
8:30 – 11:00 am	Integration Project Update <ul style="list-style-type: none">• <i>Introductory Remarks</i>• <i>Privatization</i>• <i>TWRS TPA Negotiations</i>• <i>Washington State Department of Ecology</i> Break <ul style="list-style-type: none">• <i>Systems Assessment Capability</i>• <i>Groundwater Modeling Expert Panel</i>• <i>Washington Advisory Group</i>	Michael Graham
11:00 – 12:00 am	<i>Panel Only: Working Session 1</i>	
12:00 – 1:00 pm	<i>Lunch – Box Lunches Available at Cost</i>	
1:00 – 4:00 pm	Dialogue on Applied Science and Technology Issues <ul style="list-style-type: none">• <i>Key Issues and Plan Update</i>• <i>Comments and Observations on the Plan</i> Break <ul style="list-style-type: none">• <i>Comments and Observations on the Roadmap:</i><ul style="list-style-type: none">– <i>Most Critical Knowledge Gaps for the Hanford Site...</i>– <i>Priorities for Action...</i>	Ed Berkey
4:00 – 5:00 pm	<i>Panel Only: Working Session 2</i>	
Evening	<i>Panel Only: Working Session</i>	

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TUESDAY, February 2

Moderator

7:30 – 8:00 am	<i>On-Your-Own Coffee From Columbia River Deli</i>	
8:00 – 9:45 am	Dialogue on the Project Specification <ul style="list-style-type: none">• <i>Key Issues and Planning Update</i>• <i>Comments and Observations on the Project Specification:</i>• <i>Section 1.0—Introduction</i>• <i>Section 4.0—Need for Integration (Emphasis on Section 4.1)</i>• <i>Section 5.0—Strategic Approach and Long Range Plan</i>• <i>Section 6.0—Status and Path Forward</i>	Ed Berkey
9:45 – 10:00 am	<i>Break</i>	
10:00 – 11:00 am	CRCIA Part I Methodology <ul style="list-style-type: none">• <i>Methods used to estimate risk in CRCIA Part I</i>• <i>Question and answer opportunity for the panel...</i>	Patt/Karr
11:00 – 12:00 pm	Update on Risk Activities	Holten/Hildebrand
12:00 -- 1:00 pm	<i>Lunch—Box Lunches Available at Cost</i>	
1:00 – 5:00 pm	<i>Panel Only: Working Session 4:</i>	

WEDNESDAY, February 3

Moderator

7:30 – 8:00 am	<i>On-Your-Own Coffee From Columbia River Deli</i>	
8:00 – 10:00 am	Cultural Values and Perceived Risk	Ed Berkey
10:00 – 10:15 am	<i>Break</i>	
10:15 – 11:30 am	Comments from the Panel	Ed Berkey
11:30 – 12:00 pm	Closing remarks	Rich Holten

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GW/VZ INTEGRATION PROJECT LOOK AHEAD CALENDAR
FEBRUARY 1, 1999 – MAY 6, 1999

February 1-3	GW/VZ Expert Panel Meeting (Richland – BHI Assembly Room)
February 3	Briefing on Vadose Zone Textbook (Richland – BHI Assembly Room following Expert Panel Meeting)
February 8	State of Oregon Meeting (Salem, OR – 1-3 p.m.)
February 8	Hanford Watch Meeting (Portland – 6-9 p.m.)
February 9	GW/VZ Regulatory Framework Meeting (Richland – BHI Assembly Room – 9 a.m.-4 p.m.)
February 10	Openness Workshop (Richland – Federal Bldg. – 9 a.m.-4:30 p.m.)
February 10	100 Area Informational Workshop (Kennewick – Cavanaugh's – 7-9:30 p.m.)
February 11-12	Hanford Advisory Board Meeting (Kennewick – Cavanaugh's)
February 15	Presidents Day – Federal Holiday
February 16	GW/VZ Policy Work Group Meeting (Richland – BHI Assembly Room – 11:30 a.m.-12:45 p.m.)
February 16	GW/VZ Open Project Team Meeting (Richland – BHI Assembly Room – 1 p.m.)
February 17	STCG Management Council Meeting (Richland – a.m.)
<i>February 17</i>	<i>Site-Wide GW Conceptual Model Workshop (Richland – PNNL EMSL Bldg. – 1-5:30 p.m.)</i>
February 18	Hanford Advisory Board – ER Committee Meeting (Richland – BHI Assembly Room – 9 a.m.-4 p.m.)
February 24	GW/VZ System Assessment Capability Working Meeting (Richland – BHI Room 2D01 – 8 a.m.-4 p.m.)
February 25	FY01 Budget Development Process Meeting (Richland – Tower Inn – 1-6 p.m.)
March 1	GW/VZ Open Project Team Meeting (Richland – BHI Assembly Room – 1 p.m.)
March 9	FY01 Budget Development Process Meeting (Portland)
March 10	FY01 Budget Development Process Meeting (Seattle)
March 11	FY01 Budget Development Process Meeting (Spokane)
March 11	Hanford Advisory Board – ER Committee Meeting (Richland – BHI Assembly Room – 9 a.m.-4 p.m.)
March 15	GW/VZ Open Project Team Meeting (Richland – BHI Assembly Room – 1 p.m.)
March 24	Tri-Party Agreement Quarterly Meeting (Richland – Tower Inn – 1-3 p.m.)
March 25-26	Hanford Advisory Board Meeting (Richland – Tower Inn)
March 30-31	Oregon Hanford Waste Board Meeting (Ontario, OR)
May 4-6	TechCon/ITRD Forum on Reducing Surface Infiltration Around the Hanford Tanks (Kennewick – Cavanaugh's)

NOTE: *Italics denote tentative dates*

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Attachment 3

**GROUNDWATER/VADOSE ZONE INTEGRATION PROJECT
PATH FORWARD**

**February 9, 1999
Bechtel Building Assembly Room
3350 George Washington Way**

This meeting is being held to present the status of the Groundwater/Vadose Zone Integration Project Specification and Long Range Plan and to help capture and frame questions that need to be addressed to support implementation of the Plan. It is anticipated that some of the questions will have a direct relation to the plan, or indirect relation on reaching endpoints or end state cleanup conditions for the Hanford Site. The path forward for the Integration Project requires combined support from the Regulators, stakeholders, Tribal Nations and the Hanford Site Projects. Based on the outcome of this meeting, recommendations for the need, timing and subject of specific workshops for the Integration Project will be discussed. The specific objectives of the meeting are:

- Provide the background and status for the GW/VZ Project
- Solicit questions and issues from the participants relative to the GW/VZ Project
- Have the participants consolidate, clarify and prioritize the input
- Develop a path forward for addressing the high priority items via integration teams

The draft Project Specification and Long Range Plan will be utilized as the basis for these discussions. A summary of these documents will be provided at the meeting for those who have not had an opportunity to review the information.

DRAFT AGENDA

8:00 AM	Introductions/Purpose/Objectives
8:30 AM	Summary and Status of GW/VZ Project
10:00 AM	<i>Break</i>
10:15 AM	Solicitation of Questions and Issues
12:00 AM	<i>Lunch Break</i>
1:00 PM	Assign Breakout Groups to consolidate and prioritize questions and issues
2:30 PM	<i>Break</i>
2:45 PM	Review Breakout Group outputs and establish path forward
4:00 PM	Adjourn